

## Title (en)

Water driven spool for winding and/or unwinding flexible material

## Title (de)

Wasserangetriebene Spule zum Auf- und/oder Abwickeln von biegsamen Material

## Title (fr)

Touret entraîné par de l'eau pour l'enroulement et/ou le déroulement de matière flexible

## Publication

**EP 1136414 A2 20010926 (EN)**

## Application

**EP 01103975 A 20010219**

## Priority

US 52241000 A 20000309

## Abstract (en)

A water flow operated device for winding and/or unwinding a length of flexible material. The device includes a stationary element, a spool with a central axis rotatably engaged by the stationary element and a water flow operated mechanism engaged by the stationary element. The water flow operated mechanism serves to controllably rotate the spool. The water flow operated mechanism includes a water operated motor, a water inlet communicable with a household water source, a water outlet and a valve for controlling a flow of water through the mechanism. <IMAGE>

## IPC 1-7

**B65H 75/40**

## IPC 8 full level

**B65H 75/34** (2006.01); **B65H 75/40** (2006.01); **B65H 75/44** (2006.01)

## CPC (source: EP US)

**B65H 75/40** (2013.01 - EP US); **B65H 75/4468** (2013.01 - EP US); **B65H 75/4478** (2013.01 - EP US); **B65H 75/4489** (2013.01 - EP US); **B65H 2555/22** (2013.01 - EP US); **B65H 2701/33** (2013.01 - EP US)

## Citation (applicant)

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## Designated contracting state (EPC)

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**EP 1136414 A2 20010926**; **EP 1136414 A3 20030409**; **EP 1136414 B1 20051207**; AT E312046 T1 20051215; AU 2306301 A 20010913; AU 783590 B2 20051110; CA 2337310 A1 20010909; CA 2337310 C 20071023; DE 60115524 D1 20060112; DE 60115524 T2 20060810; ES 2254273 T3 20060616; IL 141398 A0 20020310; IL 141398 A 20051120; US 6752342 B1 20040622

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